EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|------|---|---|---------------------|---------|---------------------|
| S1 | 116 | high near frequency and atmospher\$4 near plasma and reduc\$4 near gas | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 12:26 |
| S2 | 0 | multiple with high near frequency and atmospher \$4 near plasma and reduc\$4 near gas | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 12:26 |
| S 3 | 4 | more near one with high near frequency and atmospher\$4 near plasma and reduc\$4 near gas | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 12:26 |
| S4 | 1 | superpos\$4 with frequency and atmospher \$4 near plasma and reduc\$4 near gas | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 12:38 |
| S 5 | 21 | superpos\$4 with frequency and atmospher \$4 near plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 12:39 |
| S6 | 7 | ("4539068" "4579618" "4617079" "5405448" "5573597" "5849372" "5888414").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/29 12:41 |
| S7 | 2 | 2002-168392 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/29 13:20 |
| S8 | 0 | "2002168392" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/29 13:20 |
| S9 | 5 | 2002-168392 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 13:20 |

| S10 | 3 | "2002168392" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 13:20 |
|-----|------|---|---|----|----|---------------------|
| S11 | 1968 | fukuda.in. and plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 13:21 |
| S12 | 536 | fukuda.in. and plasma and frequency | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 13:21 |
| S13 | 51 | fukuda.in. and plasma and frequency and "427"/ \$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 13:21 |
| S14 | 55 | superpos\$4 with frequency and atmospher \$4 with plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 13:50 |
| S15 | 324 | multiple with frequency and atmospher\$4 with plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:21 |
| S16 | 132 | multiple with frequency and atmospheric with plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:21 |
| S17 | 16 | sine with square with frequency and atmospheric with plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:24 |

| S18 | 0 | sinal with square with frequency and atmospheric with plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:24 |
|-------------|-----|--|---|----|----|---------------------|
| S19 | 733 | wave with frequency and atmospheric with plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:24 |
| S20 | 27 | superpos\$4 with frequency and atmospheric near pressure same plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:28 |
| S21 | 27 | superpos\$4 with frequency and atmospheric with pressure same plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:28 |
| S22 | 82 | dual with frequency and atmospheric with pressure same plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:30 |
| S23 | 27 | superpos\$4 with frequenc \$4 and atmospheric with pressure same plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:30 |
| S24 | 29 | superpos\$4 with frequenc \$4 and atmospheric same plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:30 |
| S 25 | 17 | dual with frequency and atmospheric with pressure same plasma and "427"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:31 |

| S26 | 28 | dual with frequency and atmospheric with pressure same plasma with vapor near deposit \$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:31 |
|-----|------|---|---|----|----|---------------------|
| S27 | 2833 | plasma with ALD | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:34 |
| S28 | 801 | plasma with ALD and (reduc\$4) and oxidiz\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:35 |
| S29 | 89 | plasma with ALD and (reduc\$4) and oxidiz\$4 and atmospheric near pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:35 |
| S30 | 42 | plasma near3 ALD and (reduc\$4) and oxidiz\$4 and atmospheric near pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/29 14:35 |
| S31 | 276 | plasma near3 ALD and (reduc\$4) and oxidiz\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/30 09:38 |
| S32 | 90 | plasma near3 ALD and (reduc\$4) same hydrogen and oxidiz\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/30 09:39 |
| S33 | 97 | plasma near3 ALD and (reduc\$4) same ("h. sub.2" hydrogen) and oxidiz\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/30 09:40 |

| S34 | 235 | plasma with ALD and (reduc\$4) same ("h. sub.2" hydrogen) and oxidiz\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/30 09:48 |
|-------------|-----|--|---|----|----|---------------------|
| S 35 | 99 | plasma with ALD and (reduc\$4) same ("h. sub.2" hydrogen) with (nitrogen "n.sub.2") and oxidiz\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/30 09:49 |
| S 36 | 83 | sequential with CVD with plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/30 09:51 |
| S 37 | 179 | plasma with (ALD atomic near layer) and reduc\$4 same plasma with nitrogen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/30 10:01 |
| S38 | 29 | plasma with (ALD atomic near layer).ab. and reduc \$4 same plasma with nitrogen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/30 10:05 |
| S 39 | 14 | PE?ALD and reduc\$4 same plasma with nitrogen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/30 10:06 |
| S40 | 11 | ("20040009307" "5919531" "6139922" "6375693" "6579786" "6638810" "6641899" "6780772" "6838722" "6900539" "6936906"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/30 10:07 |
| S41 | 37 | fukuda.in. and plasma with (nitrogen "n.sub.2") with (hydrogen "h. sub.2") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/30 10:09 |
| S42 | 30 | Konica.as. and plasma with (nitrogen "n.sub.2") with (hydrogen "h. sub.2") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/30 10:10 |

| S43 | 363 | (plasma PE) near3 (ALD atomic near layer) and (oxygen oxidiz\$4) with plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/30 10:14 |
|-----|-----|---|---|----|----|---------------------|
| S44 | 3 | "20040092132" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/30 10:20 |
| S45 | 2 | "7022605".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/30 10:25 |
| S46 | 25 | ("20010052323" "20020000598" "20020076307" "20020119673" "20020197856" "20030143328" "20030168001" "20040018304" "20040038525" "20040089631" "5874706" "5976623" "6015762" "6158383" "6200893" "6343565" "6399520" "6416822" "6468924" "6537925" "6620723" "6630201" "6847003").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/30 |
| S47 | 9 | ((HIROMOTO) near2 (II)).INV. | US-PGPUB; USPAT | OR | ON | 2008/10/31 10:32 |
| S48 | 20 | ((TOSHIO) near2 (TSUJI)).INV. | US-PGPUB; USPAT | OR | ON | 2008/10/31 10:32 |
| S49 | 7 | ((CHIKAO) near2 (MAMIYA)).INV. | US-PGPUB; USPAT | OR | ON | 2008/10/31 10:32 |
| S50 | 45 | ((KAZUHIRO) near2 (FUKUDA)).INV. | US-PGPUB; USPAT | OR | ON | 2008/10/31 10:32 |
| S51 | 11 | ((KIYOSHI) near2 (OISHI)).INV. | US-PGPUB; USPAT | OR | ON | 2008/10/31 10:32 |
| S52 | 5 | ((TAKAKAZU) near2 (KIYOMURA)).INV. | US-PGPUB; USPAT | OR | ON | 2008/10/31 10:32 |

| S53 | 312 | ((TOSHIO) near2 (TSUJI)).INV. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 10:32 |
|-----|-----|---|---|----|----|---------------------|
| S54 | 18 | ((CHIKAO) near2 (MAMIYA)).INV. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 10:32 |
| S55 | 460 | ((KAZUHIRO) near2 (FUKUDA)).INV. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 10:32 |
| S56 | 133 | ((KIYOSHI) near2 (OISHI)).INV. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 10:33 |
| S57 | 9 | ((TAKAKAZU) near2 (KIYOMURA)).INV. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 10:33 |
| S58 | 17 | ((HIROMOTO) near2 (II)).INV. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 10:33 |
| S62 | 849 | \$53 \$54 \$55 \$56 \$57 \$58 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 10:34 |
| S63 | 109 | (S53 S54 S55 S56 S57 S58) and atmospher\$4 with pressure same plasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 10:34 |

| S64 | 34 | (S53 S54 S55 S56 S57 S58) and atmospher\$4 with pressure same plasma and oxide | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 10:34 |
|-----|------|---|---|----|----|---------------------|
| S65 | 44 | (S53 S54 S55 S56 S57 S58) and atmospher\$4 with pressure same plasma and reduc\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 10:51 |
| S66 | 11 | S65 not S64 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 10:52 |
| S67 | 2203 | plasma with oxidiz\$4 and metal near film | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:04 |
| S68 | 596 | atmospher\$4 with pressure with plasma and reduc\$4 with hydrogen and oxidiz\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:09 |
| S69 | 36 | atmospher\$4 with pressure with plasma and reduc\$4 with hydrogen and oxidiz\$5 and 427/5\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:09 |
| S70 | 68 | atmospher\$4 with pressure with plasma and reduc\$4 and oxidiz \$5 and 427/57\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:16 |
| S71 | 8 | atmospher\$4 with pressure with plasma and reduc\$4 and oxidiz \$5 and 427/576.ccls. and organometal\$6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:21 |

| S72 | 20 | atmospher\$4 with pressure with plasma and reduc\$4 and 427/576.ccls. and organometal\$6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:21 |
|-----|------|--|---|----|----|---------------------|
| S73 | 12 | S72 not S71 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:22 |
| S74 | 2 | 2002-517914 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:30 |
| S75 | 5 | "2002009861" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:30 |
| S76 | 2 | "20020009861" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:31 |
| S77 | 1006 | plasma with anneal\$3 with oxy\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:34 |
| S78 | 408 | plasma with anneal\$3 with oxy\$4 and metal near oxide | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:35 |
| S79 | 95 | plasma with anneal\$3 with oxy\$4 and metal near oxide and reduc\$4 with hydrogen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 11:35 |

| S80 | 8755 | (atmospher\$4 near3 pressure same plasma) and (oxygen oxidiz\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 12:51 |
|-----|------|---|---|----|----|---------------------|
| S81 | 398 | (atmospher\$4 near3 pressure same plasma) and (oxygen oxidiz\$4) same metal near layer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 12:51 |
| S82 | 76 | (atmospher\$4 near3 pressure same plasma) and (oxygen oxidiz\$4) same metal near layer and "427"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 12:53 |
| S83 | 3 | 10/378695 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/31 12:56 |
| S84 | 1 | ("20020063537").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/31 12:56 |
| S85 | 0 | "10364551" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/31 12:57 |
| S86 | 1 | "10/364551" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/31 12:57 |

11/20/2008 11:51:36 AM

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